

ABSTRACT

The invention relates to a curtain coating device for the coating of a moving substrate, comprising a nozzle device, for the generation of a curtain dropping onto the substrate, made up of at least one coating fluid and a curtain guide structure (18) with a guide surface (17), which laterally guides the curtain (V), whereby the guide surface (17) is convex to the curtain along a width exceeding the depth of the curtain when measured transversely. The invention further relates to a curtain coating method, whereby a curtain made up of at least one coating fluid is deposited on a moving substrate in free fall and guided on both sides by means of a convex guide surface (17) transverse to the curtain.